

M.PHARM. (Pharmacology) SEM – I (CBCS – 2019 COURSE): Winter-2021
SUBJECT: ADVANCED PHARMACOLOGY – I

Day: **Tuesday**
Date: **16-11-2021**

Time: **10:00 AM TO 1:00 PM**
Max Marks. **75**

W-2021-20719

N.B.

- 1) Q. No 1 and Q. No. 5 are **COMPULSORY**. Out of remaining answer any **TWO** questions from each section.
- 2) Answers to both section should be written in **SEPARATE** answer books.
- 3) Figures to the right indicate **FULL** marks.

SECTION – I

- Q.1** Discuss the steps in neurohumoral transmission. **(08)**
- Q.2** a) Describe in detail the distribution of drug in humans. **(10)**
b) Write a brief note on microsomal enzyme induction. **(05)**
- Q.3** Classify anti – adrenergic drugs. Discuss the mechanism of action, pharmacological role, uses and adverse effects of β – adrenergic blockers. **(15)**
- Q.4** Write short notes on any **TWO** of the following: **(15)**
a) Pharmacology of ganglionic blocking agents
b) Pharmacology of Lignocaine
c) Pharmacology of Anticholinesterases

SECTION - II

- Q.5** Classify anti – platelet drugs. Discuss the pharmacology of clopidogrel. **(07)**
- Q.6** a) Classify anti – hypertensives. Discuss the pharmacology of ACE inhibitors. **(10)**
b) Write a brief note on role of diuretics in treatment of hypertension. **(05)**
- Q.7** a) Classify Sedatives and hypnotics. Discuss the pharmacology of benzodiazepines. **(10)**
b) Discuss the pharmacology of non – narcotic analgesics. **(05)**
- Q.8** Write short notes on any **TWO** of the following: **(15)**
a) Fibrinolytics
b) Iron
c) Physiological and pathological role of histamine

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